integral 260 sche Class in retains	ass 544 is considered to be an part of Class 260 (see the Class dule for the position of this schedule hierarchy). This Class all pertinent definitions and nes of Class 260.	31 32 33	Phenothiazine as three cyclos of polycyclo ring system having at least four cyclosTricyclo ring system having the six-membered hetero ring as one of the cyclos1,2- or 2,1-Thiazine ring
		33	in the tricyclo ring system (e.g., hydrogenated 1,2- benzothiazine in tricyclo ring
	ORGANIC COMPOUNDS (CLASS 532,		system, etc.)
	SUBCLASS 1)	34	Plural ring nitrogens in
	.HETEROCYCLIC CARBON COMPOUNDS CONTAINING A HETERO RING	-	the tricyclo ring system
	HAVING CHALCOGEN (I.E., OXYGEN, SULFUR, SELENIUM, OR	35	Phenothiazines (including hydrogenated)
	TELLURIUM) OR NITROGEN AS THE	36	Purification or recovery
	ONLY RING HETERO ATOMS (Class	37	Nitrogen bonded directly
	540, subclass 1)		to phenothiazine ring system
1	Hetero ring is six-membered	38	Carbon bonded directly to
_	having two or more ring hetero atoms of which at least one is		ring nitrogen of phenothiazine ring system
	<pre>nitrogen (e.g., selenazines, etc.)</pre>	39	Divalent chalcogen double bonded directly to the carbon
2	Six-membered hetero ring	40	Additional chalcogen
_	consists of oxygen, sulfur,		bonded directly to the carbon
	nitrogen and carbon (e.g.,	41	Nitrogen containing
	oxathiazines, etc.)	11	substituent bonded to nitrogen
3	Six-membered hetero ring		of phenothiazine ring system
3	consists of sulfur, nitrogen,	42	Nitrogen containing
	and carbon	72	hetero ring in the nitrogen
4	Heavy metal or aluminum		containing substituent (e.g.,
T	containing		oxazole, etc.)
5	Plural sulfurs in the six-	43	Plural hetero rings in
5	membered hetero ring (e.g.,	43	the nitrogen containing
			substituent
C	dithiazines, etc.)	44	
6	Spiro	44	Piperazine ring in the
7	Plural nitrogens in the six-		nitrogen containing substituent
	membered hetero ring (e.g.,	4 -	
0	thiatriazines, etc.)	45	Chalcogen in the
8	Thiadiazines		nitrogen containing
9	Polycyclo ring system	4.5	substituent
	having the thiadiazine ring as	46	Chalcogen in the
	one of the cyclos		nitrogen containing
10	Bicyclo ring system having		substituent
	the thiadiazine ring as one of	47	Bicyclo ring system having
	the cyclos		the six-membered hetero ring
11	Benzothiadiazines		as one of the cyclos
12	1,2,4-benzothiadiazines	48	Three or more ring hetero
13	Sulfamyl or substituted		atoms in the bicyclo ring
	sulfamyl containing		system
14	Polycyclo ring system having	49	Benzothiazines (including
	the six-membered hetero ring		hydrogenated)
	as one of the cyclos	50	1,3- or 3,1-benzothiazines

51 52	1,4-benzothiazinesDouble bonded divalent chalcogen containing	74	Plural 1,4-oxazine rings are cyclos in the polycyclo ring system
53 54	1,3-thiazinesDouble bonded divalent	75	Pentacyclo ring system having the oxazine rings as
55	<pre>chalcogen containingAdditional hetero ring containing</pre>	76	cyclosPlural nitrogens bonded directly to the pentacyclo
56	1,4-thiazines		ring system
57	Phosphorus containing	77	Acyclic nitrogen is
58.1	Double bonded divalent		bonded directly to a -C(=X)-
	chalcogen containing	7 0	group, wherein X is chalcogen
58.2	<pre>Divalent chalcogen double bonded directly to the thiazine ring</pre>	78	Plural morpholine rings (i.e., plural fully hydrogenated 1, 4-oxazine
58.4	Having $-C(=X)-$, wherein X	7.0	rings)
	is chalcogen, bonded directly	79	Polycyclo ring system
	to the thiazine ring	80	Ring nitrogen in the
58.5	Additional hetero ring	81	polycyclo ring system
= 0 - 6	containing	01	Four or more ring nitrogens in the polycyclo
58.6	Ring nitrogen in the		ring system
	additional hetero ring, which	82	Additional nitrogen
F0 7	is six-membered	02	containing hetero ring (e.g.,
58.7	Ring chalcogen in the		thiazole, etc.)
59	additional hetero ring	83	Triazine
39	Thiomorpholines (i.e., fully hydrogenated 1,4-thiazines)	84	Phosphorus attached
60	Additional hetero ring containing		directly or indirectly to a morpholine ring by nonionic
61	The additional hetero ring		bonding
	is one of the cyclos in a bicyclo ring system	85	Sulfur attached directly or indirectly to a morpholine
62	Benzo is the other cyclo	0.6	ring by nonionic bonding
63	Six-membered hetero ring consists of oxygen, nitrogen	86	Nitrogen attached directly or indirectly to a morpholine ring by nonionic bonding
	and carbon (e.g., 1,2-	87	Oxygen attached directly or
64	<pre>oxazines, etc)Heavy metal or aluminum containing</pre>	0 /	indirectly to a morpholine ring by nonionic bonding
65	Plural oxygens in the six-	88	1,3-0xazines
03	membered hetero ring	89	Polycyclo ring system having
66	Plural nitrogens in the six- membered hetero ring		the oxazine ring as one of the cyclos
67	1,3,5-oxadiazines	90	Bicyclo ring system having
68	Oxygen bonded directly to		the oxazine ring as one of the
	the six-membered hetero ring		cyclos
69	Boron or silicon containing	91	Three or more ring hetero
70	Spiro		atoms in the bicyclo ring
71	Spiro oxazine	0.0	system
72	Plural oxazine rings	92	Chalcogen bonded directly
73	Polycyclo ring system having oxazine ring as at least one of the cyclos	93	to the oxazine ringPlural oxygens bonded directly to the oxazine ring

94		117	Three or more ring hetero atoms in the bicyclo ring system
		110	
	(including hydrogenated)	118	Four or more ring
95	Three or more ring hetero atoms in the polycyclo ring		nitrogens in the bicyclo ring system
	system	119	Acyclic nitrogen
96	Additional hetero ring		containing
50		100	_
	containing	120	\dots 1,4-Diazine ring
97	Chalcogen bonded directly to	121	Piperazine ring
	the oxazine ring	122	1,3-Diazine ring
98	1,4-Oxazines	123	Oxygen bonded directly
99	•	123	
99	Polycyclo ring system having		to the diazine ring
	the oxazine ring as one of the	124	Six-membered ring
	cyclos		consisting of one nitrogen and
100	Anthrone or anthraquinone		five carbons (e.g., pyridine,
100			
	in the polycyclo ring system		etc.)
101	Tricyclo ring system having	125	The additional six-
	the oxazine ring as one of the		membered hetero ring is one of
	cyclos		the cyclos in a polycyclo ring
102	-		
102	Phenoxazines (including		system
	hydrogenated)	126	The additional six-
103	Plural nitrogens bonded		membered hetero ring is one of
	directly to the phenoxazine		the cyclos in a tricyclo ring
104			system
	Sulfur containing	100	-
105	Bicyclo ring system having	127	The additional six-
	the oxazine ring as one of the		membered hetero ring is one of
	cyclos (e.g., benzoxazines,		the cyclos in a bicyclo ring
	etc.)		system
100		128	Quinoline or
106	Morpholines (i.e., fully	120	
	hydrogenated 1,4-oxazines		isoquinoline (including
107	Addition salts of		hydrogenated)
	morpholine which is	129	Piperidine ring
	unsubstituted or hydrocarbyl	130	Double bonded divalent
		130	
	substituted only		chalcogen containing
108	N, N-dihydrocarbyl	131	Double bonded divalent
	morpholinium		chalcogen containing
109	Hetero ring in ionically	132	Five-membered hetero ring
100	_	132	3
	bonded moiety		having two or more ring hetero
110	Phosphorus or sulfur in		atoms of which at least one is
	ionically bonded moiety		nitrogen
111	Additional nitrogen	133	The five-membered hetero
			ring has at least sulfur and
	containing hetero ring (e.g.,		
	thiazetidine, etc.)		nitrogen as ring hetero atoms
112	Triazine ring	134	Plural sulfurs or
113			nitrogens in the five-membered
114			hetero ring (e.g.,
	Diazine ring		thiatriazole, etc.)
115	The diazine ring is one	105	
	of the cyclos in a polycyclo	135	Benzothiazoles
	ring system		(including hydrogenated)
116	The diazine ring is one	136	Polysulfide containing
110			chain between morpholine ring
	of the cyclos in a bicyclo		and benzothiazole ring system
	ring system		and benzochiazore ring system

137	The five-membered hetero ring has at least oxygen and	158	Sulfur attached directly or indirectly to morpholine ring
138	nitrogen as ring hetero atomsOxadiazole ring (including hydrogenated)	159	by nonionic bondingNitrogen attached directly or indirectly to morpholine
139	1,3-Diazole ring (including hydrogenated)1,2-Diazole ring	160	ring by nonionic bondingDouble bonded divalent sulfur
141	(including hydrogenated)Five-membered hetero ring	161	Double bonded divalent
	consisting of one nitrogen and four carbons	162	Nitrogen attached directed or indirectly to morpholine
142	The five-membered hetero ring is one of the cyclos in a	163	ring by nonionic bondingCyano containing
143	polycyclo ring systemThe five-membered hetero	164	Morpholine ring bonded directly to the nitrogen
1 4 4	ring is one of the cyclos in a bicyclo ring system	165	Carbocyclic ring bonded directly to the nitrogen
144	Chalcogen bonded directly to the bicyclo ring system	166	<pre>Morpholine ring bonded directly to the carbocyclic ring</pre>
145	<pre>Sulfur containing hetero ring (e.g., thioxane, etc.)</pre>	167	Nitro bonded directly to the carbocyclic ring
146	<pre>Thiophene ring (including hydrogenated)</pre>	168	0xygen double bonded and acyclic nitrogen bonded
147	Additional oxygen containing hetero ring	169	directly to the same carbonA ring bonded directly to
148	<pre>Plural ring hetero atoms in the additional hetero ring</pre>	170	the carbonOxygen attched directly or
149	<pre>The additional hetero ring is six-membered</pre>		<pre>indirectly to morpholine ring by nonionic bonding</pre>
150	The additional six- membered hetero ring is one of	171	The oxygen is in a -COO- group
	the cyclos in a polycyclo ring system	172	Carbonyl of -COO- group bonded directly to a ring
151	membered hetero ring is one of	173	The oxygen is bonded directly to a ring
150	the cyclos in a bicyclo ring system	174 175	Ether containingThe oxygen is in a
152	is five-membered	176	carbonyl groupThe carbonyl is bonded
153	The five-membered hetero ring is one of the cyclos in a	1.00	directly to nitrogen of morpholine ring
154	polycyclo ring systemPolycyclo-carbocyclic ring	177 178	Ether containingN-hydrocarbyl morpholines
	system having at least three cyclos	179	Tetrazines
155	Tricyclo having three six- membered carbocyclic rings	180 181	TriazinesHeavy metal or aluminum containing
156 157	Anthrone or anthraquinonePhosphorus attached	182	Asymmetrical (e.g., 1, 2, 4-triazines, etc.)
	directly or indirectly to morpholine ring by nonionic bonding	183	Polycyclo ring system having the asymmetrical triazine ring as one of the cyclos

stoms in the polycyclo ring system system system system carbon carbon carbon carbon containing substituent system containing carbon containing containing system having the anthrone or anthraquinone and at least one hetero ring as cyclos as cyclos as cyclos as cyclos and chloride reactant carbon containing chloride or dichloroisocyanuric acid salt chereof containing carbon chloride reactant carbon containing contain				
185Hexamethylenetetramines 286Processes 217Halogen bonded directly to triazine ring carbon containing 288Polycyclo ring system having the anthrone or anthraquinone and at least one hetero ring as cyclos 219Sulfur containing 210Sulfur containing 211Polycyclo ring system having as cyclos 220Sulfur containing 220Sulfur containing 231Processes utilizing cyanogen containing 232Nitrogen containing 233Trimerization process to form the triazine rings containing 234Substituent nitrogens bonded directly to triazine ring carbon containing 235Nitrogen containing 236Pural triazine rings containing 237Additional ring containing 238Spiro diazine 239Balogen or sulfur containing as cyclos 230Processes utilizing cyanomic or biuret reactant 230Processes utilizing cyanomic or biuret reactant containing 236	184	Four or more ring hetero atoms in the polycyclo ring	215	Chalcogen or halogen containing substituent
186Processes 217Halogen bonded directly to containing 218Dathrone or anthraquinone containing 188Polycyclo ring system having the anthrone or anthraquinone and at least one hetero ring as cyclos 220Divalent chalcogen bonded directly to triazine ring carbonChalcogen bonded directly to triazine ring carbon dichloroiscoyanuric acid salt 221To three ring carbon chorder reactant 222Nitrogen containing substituent nitrogens bonded directly to triazine ring carbon containing substituent process to form the triazine ring 224To two ring carbons the triazine ring 225Nitrogen containing containing	185	-	216	
187Anthrone or anthraquinone containing the anthrone or anthraquinone and at least one hetero ring as cyclos 220Sulfur containing 220Sulfur containing 220Sulfur containing 221Sulfur containing 221Sulfur containing 222		_	217	
containing			217	
the anthrone or anthraquinone and at least one hetero ring as cyclos as cyclos 189	107	-	218	
the anthrone or anthraquinone and at least one hetero ring as cyclos 189Sulfur containing 190Cyanuric chloride or dichloroisocyanuric acid salt 191Processes utilizing cyanogen chloride reactant 192Cyanuric acid per se or salt thereof 193Trimerization process to form the triazine ring 194Subtituent nitrogen bonded directly to carbon of the triazine ring 195Phosphorus containing 196Three substituent nitrogens bonded directly to carbon of the triazine ring 197Additional ring containing 198Halogen or sulfur containing 199Halogen or sulfur containing 200Melamine per se, or salt thereof 201Processes utilizing urea or biuret reactant 202Processes utilizing urea or biuret reactant thereof 203Purification or recovery 204Two substituent nitrogens bonded directly to two carbons of the triazine ring carbons 205Mercury containing 206Melamine per se, or salt thereof 207Melamine per se, or salt thereof 208Purification or recovery 209Melamine per se, or salt thereof 201Processes utilizing urea or biuret reactant the l.2-diazine ring as one of the cyclos of the triazine ring cyanamide or dicyanamide reactant soft the triazine ring containing 207Melamines 208Additional ring containing containing cyanamides or dicyanamide reactant soft the triazine ring containing cyanamide or dicyanamide containing cyanamide or dicyanamide containing cyanamide cyanamid	188	_	210	
and at least one hetero ring as cyclos 220	100		219	_
189		-	217	
189Sulfur containing 190Cyanuric chloride or dichloroisocyanuric acid salt 221To three ring carbons of chloride reactant 191Processes utilizing cyanogen chloride reactant 192Cyanuric acid per se or salt thereof 224To two ring carbons the triazine ring substituent for consists of two rintrogens and four carbons (e.g., 1,2-diazine, etc.) 193.1Stilbene containing 225Plural triazine ring containing containing containing 226Arsenic or zinc containing 194Substituent nitrogen bonded directly to carbon of the triazine ring 228Purine containing 195Phosphorus containing 228Purine containing (including hydrogenated) 196Three substituent nitrogen solution acontaining (containing containing 228Purine containing (including hydrogenated) 197Additional ring containing 231Spiro diazinePurine containing 232Phosphorus attached directly or indirectly to a 1,2-diazine ring by nonionic bonding 233Puringleation or recovery 204Processes utilizing 235Purine containing 236Purification or recovery 204Processes utilizing 235Purine containing 236Puringleation or recovery 205Purine containing 237Phthalazines (including hydrogenated) 207Purinectation or recovery 208At least three ring 238Purine containing 239Phthalazines (including hydrogenated)Phthalazines (including hydrogenated)Phthalazines (including hydrogenated)Phthalazines (including hydrogenated)Phthalazines which contain an additional hetero ring 239Phthalazines which contain an additional directly to the cort of the cyclosPhthalazines which contain an additional hetero ring 239Phthalazines which contain an		_	220	_
190Cyanuric chloride or dichloroisocyanuric acid salt 221	189	_	220	3
dichloroisocyanuric acid salt 191Processes utilizing cyanogen chloride reactant 192Cyanuric acid per se or salt chereof 193Trimerization process to form the triazine ring 194Stilbene containing 195Plural triazine rings containing 196Substituent nitrogen bonded directly to carbon of the triazine ring 197Phosphorus containing 198The substituent nitrogens bonded directly to the three carbons of the triazine ring 199Additional ring containing 200Melamine per se, or salt thereof 201Processes utilizing urea or biuret reactant 202Purification or recovery containing 205Guanamines 206Additional ring containing 207Hetero ring 208Additional ring containing 209Hetero ring 200Melational ring containing 201Processes utilizing urea or biuret reactant 202Processes utilizing containing 203Purification or recovery captaining 204Additional ring containing 205Guanamines 206Additional ring containing 207Hetero ring 208Additional ring containing 209Hetero ring 209Hetero ring 209Hetero ring 209Hetero ring 209Hetero ring 200Atleast three ring additional hetero ring 201Purification or recovery checked beter or ring containing and four carbons of the cyclos 208Atleast three ring nitrogens in the bicyclo ring system having nitrogens in the bicyclo ring system in additional hetero ring 208Additional ring containing 209Hetero ring 209Hetero ring 209Letero ring 200Letero ring 201Letero ring 202Letero ring 203Letero ring 204Letero ring 205Letero ring 206Additional ring containing 207Letero ring 208Letero ring 209Letero ring 209Letero ring 209Letero ring 209Letero ring 209Letero ring 209Letero ring 209Le	190			
191Processes utilizing cyanogen chloride reactant 192Cyanuric acid per se or salt thereof 193Trimerization process to form the triazine ring the triazine ring to containing 193.1Stilbene containing 194Substituent nitrogen bonded directly to carbon of the triazine ring as one of the cyclos triazine ring as one of the cyc			221	_
chloride reactant 192	191		222	
thereof 224The six-membered hetero ring the triazine ring consists of two nitrogens and four carbons (e.g., 1,2-diazines, etc.) 193.1Stilbene containing directly to carbon of the triazine ring containing containing 194Substituent nitrogen bonded directly to carbon of the triazine ring directly to carbon of the triazine ring carbons of the triazine ring directly to the three carbons of the triazine ring 228Purine containing 195Phosphorus containing 229Sporo or silicon containing including hydrogenated) 196Three substituent nitrogens bonded directly to the three carbons of the triazine ring 231Spiro diazine 197Additional ring containing 232Phosphorus attached directly or indirectly to a 1,2-diazine ring by nonionic bonding containing containing 233Polycyclo ring system having the cyclos 201Processes utilizing urea 234Tricyclo ring system having or biuret reactant the 1,2-diazine ring as one of the cyclos 202Processes utilizing cyanamide or dicyanamide reactant the 1,2-diazine ring as one of the cyclos 203Purification or recovery 204Two substituent nitrogens bonded directly to two carbons of the triazine ring system bonded directly to two carbons of the triazine ring 237Phthalazines (including hydrogenated) 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing 238Additional hig containing 239Chalcogen bonded directly to				
thereof Trimerization process to form the triazine ring the triazine ring consists of two nitrogens and four carbons (e.g., 1,2-diazines, etc.) 193.1Stilbene containing directly to carbon of the containing containing containing 194Substituent nitrogen bonded directly to carbon of the triazine ring directly to carbon of the triazine ring directly to carbon of the triazine ring directly to the three carbons of the triazine ring directly to the three carbons of the triazine ring directly to the three carbons of the triazine ring directly to the three carbons of the triazine ring directly toAdditional ring containing directly to al.,2-diazine ring directly directly to al.,2-diazine ring directly to al.,2-diazine ring directly to al.,2-diazine ring directly direct	192	Cyanuric acid per se or salt	223	To two ring carbons
the triazine ring 193.1Stilbene containing 225Plural triazine rings containing 194Substituent nitrogen bonded directly to carbon of the triazine ring 195Phosphorus containing 196Three substituent nitrogens bonded directly to the three carbons of the triazine ring 197Additional ring containing 198Hetero ring 200Melamine per se, or salt thereof 201Processes utilizing urea or biuret reactant 202Processes utilizing creatant 203Purine containing 204Processes utilizing creatant 205Purine containing 206Additional ring containing 207Melamines 208Purine containing 219Spiro diazine 229Spiro diazine 229Spiro diazine 229Spiro diazine 230Spiro diazine 231Spiro diazine 232Phosphorus attached directly or indirectly to a 1,2-diazine ring by nonionic bonding ring by nonionic bonding 233Polycyclo ring system having a 1,2-diazine ring as one of the cyclos 234Tricyclo ring system having the 1,2-diazine ring as one of the cyclos 235Bicyclo ring system having reactant 236Purification or recovery 237Bicyclo ring system having nitrogens in the bicyclo ring system 238At least three ring nitrogens in the bicyclo ring system 239Phthalazines (including hydrogenated) 239Phthalazines which contain an additional hetero ring 239Phthalazines which contain an additional hetero ring 239Phthalazines bonded directly to		thereof	224	
193.1Stilbene containing 193.2Plural triazine rings containing 194Substituent nitrogen bonded directly to carbon of the triazine ring 228Purine containing 195Phosphorus containing 196Three substituent nitrogens bonded directly to the three carbons of the triazine ring 230Spiro carbons of the triazine ring 231Spiro diazine 197Additional ring containing 198Hetero ring 230Plosphorus attached directly 231Phosphorus attached directly 232Phosphorus attached directly 233Polycyclo ring system having 234Polycyclo ring system having 235Processes utilizing 236Processes utilizing 237Processes utilizing 238Purification or recovery 204Two substituent nitrogens 236Additional ring containing 237Pthalazine ring 238Additional ring containing 239Pthalazines which contain an additional hetero ring 239Chalcogen bonded directly to	193	Trimerization process to form		consists of two nitrogens and
193.2Plural triazine rings containing 194Substituent nitrogen bonded directly to carbon of the 227Mercury containing 195Phosphorus containing 196Three substituent nitrogens bonded directly to the three 230Spiro carbons of the triazine ring 231Spiro diazine 197Additional ring containing 232Phosphorus attached directly 198Hetero ring 231Spiro diazine 198Halogen or sulfur 230Phosphorus attached directly 198Halogen or sulfur 230Melamine per se, or salt 231Polycyclo ring system having 232Processes utilizing 233Polycyclo ring system having 234Tricyclo ring system having 235Processes utilizing 236Bicyclo ring system having 237Processes utilizing 238Purification or recovery 236Bicyclo ring system having 237Purification or recovery 238Purification or recovery 240Two substituent nitrogens 246At least three ring 247Phhalazines (including hydrogenated) 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing 248Phthalazines which contain an additional hetero ring 249Chalcogen bonded directly to		the triazine ring		four carbons (e.g., 1,2-
containing 194	193.1	Stilbene containing		diazines, etc.)
194	193.2	Plural triazine rings	225	Heavy metal or aluminum
directly to carbon of the triazine ring 228 containing (including hydrogenated) 195 confidence 229 containing (including hydrogenated) 196 confidence 230 containing 231 containing bonded directly to the three 230 corbons of the triazine ring 231 corbon or silicon containing bonded directly to the three 230 corbons of the triazine ring 231 corbon or silicon containing 232 corbons of the triazine ring 231 corbon or silicon containing 232 corbons of the triazine ring 231 corbon or silicon containing 232 corbon or silicon containing 233 corbon or silicon containing 234 corbon or silicon containing 235 corbon or silicon containing 236 corbon or silicon containing 237 corbon or silicon containing 238 corbon or silicon containing 239 corbon or silicon containing 230 corbon or silicon co		containing		containing
triazine ring	194		226	Arsenic or zinc containing
195Phosphorus containing 196Three substituent nitrogens bonded directly to the three carbons of the triazine ring 231Spiro diazine 197Additional ring containing 198Hetero ring 232Phosphorus attached directly 198Halogen or sulfur containing 239Melamine per se, or salt thereof the cyclos 201Processes utilizing urea cyanamide or dicyanamide cyanamide or dicyanamide cyanamide or directly to two carbons of the triazine ring 201Purification or recovery cyanamide directly to two carbons of the triazine ring containing 236At least three ring bonded directly to two carbons of the triazine ring containing 237Phthalazines (including hydrogenated) 208Additional ring containing 249Phosphorus attached directly to two carbons of the triazine ring 249Phosphorus attached directly to the cyclo cring by nonionic bonding ring by nonionic bonding 240Polycyclo ring system having a 1,2-diazine ring as one of the cyclos cyanamide or dicyanamide 254Bicyclo ring system having the 1,2-diazine ring as one of the cyclosPurification or recovery 256At least three ring nitrogens in the bicyclo ring system 266Additional ring containing 267Phthalazines (including hydrogenated)Phthalazines which contain an additional hetero ring 268Additional ring containing 269Hetero ring 269			227	
196Three substituent nitrogens bonded directly to the three carbons of the triazine ring 231Spiro diazine 197Additional ring containing 232Phosphorus attached directly or indirectly to a 1,2-diazine ring by nonionic bonding containing 233Polycyclo ring system having a 1,2-diazine ring as one of the cyclos 201Processes utilizing urea 234Tricyclo ring system having or biuret reactant the 1,2-diazine ring as one of the cyclos cyanamide or dicyanamide reactant the 1,2-diazine ring as one of the cyclos 203Purification or recovery the cyclos 204Two substituent nitrogens bonded directly to two carbons of the triazine ring containing system having cyanamines 237Phthalazines (including hydrogenated) 205Additional ring containing 238Phthalazines which contain an additional hetero ring 239Hetero ring 239Chalcogen bonded directly to		_	228	Purine containing
bonded directly to the three carbons of the triazine ring 231Spiro diazine 197Additional ring containing 232Phosphorus attached directly 198Hetero ring or indirectly to a 1,2-diazine 199Halogen or sulfur ring by nonionic bonding 190Melamine per se, or salt a 1,2-diazine ring as one of the cyclos 190Processes utilizing urea or biuret reactant the 1,2-diazine ring as one of the cyclos 190Processes utilizing the cyclos cyanamide or dicyanamide reactant the 1,2-diazine ring as one of the cyclos 190Purification or recovery the cyclos 190Purification or recovery the cyclos 190Additional ring containing system 190Additional ring containing and additional hetero ring 190Hetero ring 238(Chalcogen bonded directly to to carbons and additional hetero ring and containing and containing and additional hetero ring and containing and contain and additional hetero ring and containing				
carbons of the triazine ring 231Spiro diazine 197Additional ring containing 232Phosphorus attached directly 198Hetero ring or indirectly to a 1,2-diazine 199Halogen or sulfur ring by nonionic bonding 233Polycyclo ring system having 200Melamine per se, or salt a 1,2-diazine ring as one of 201Processes utilizing urea 234Tricyclo ring system having 202 or biuret reactant the 1,2-diazine ring as one of 203 cyanamide or dicyanamide 235Bicyclo ring system having 204 reactant the 1,2-diazine ring as one of 205Purification or recovery 26At least three ring 206 bonded directly to two carbons 207 of the triazine ring 236Phthalazines (including 208Additional ring containing 238Phthalazines which contain an 208Additional ring containing 239Chalcogen bonded directly to	196	3		Boron or silicon containing
197Additional ring containing 232Phosphorus attached directly 198Hetero ring or indirectly to a 1,2-diazine 199Halogen or sulfur ring by nonionic bonding 233Polycyclo ring system having 200Melamine per se, or salt a 1,2-diazine ring as one of thereof the cyclos 201Processes utilizing urea or biuret reactant the 1,2-diazine ring as one of 202Processes utilizing cyanamide or dicyanamide 235Bicyclo ring system having 236Bicyclo ring system having 237Bicyclo ring system having 238At least three ring 239At least three ring 238Purification or recovery 239Phthalazines (including 239Phthalazines which contain an 208Additional ring containing 239Chalcogen bonded directly to		-		Spiro
198Hetero ring or indirectly to a 1,2-diazine 199Halogen or sulfur ring by nonionic bonding containing 233Polycyclo ring system having 200Melamine per se, or salt thereof the cyclos 201Processes utilizing urea or biuret reactant the 1,2-diazine ring as one of the cyclos 202Processes utilizing cyanamide or dicyanamide 235Bicyclo ring system having reactant the 1,2-diazine ring as one of the cyclos 203Purification or recovery the cyclos 204Two substituent nitrogens of the triazine ring system 236At least three ring nitrogens in the bicyclo ring system 236At least three ring nitrogens in the bicyclo ring system 205Guanamines 237Phthalazines (including hydrogenated) 207Hetero ring 238Pathalazines which contain an additional hetero ring 209Hetero ring 239Chalcogen bonded directly to			_	
ring by nonionic bonding containing 233Polycyclo ring system having a 1,2-diazine ring as one of the cyclos 201Processes utilizing urea or biuret reactant the cyclos cyanamide or dicyanamide reactant the cyclos 202Processes utilizing the cyclos cyanamide or dicyanamide reactant the 1,2-diazine ring as one of the cyclos cyanamide or recovery the cyclos reactant the 1,2-diazine ring as one of the cyclos cyanamide or dicyanamide reactant the 1,2-diazine ring as one of the cyclos cyanamide reactant the cyclos cyanamide reactant the cyclos cyanamide or recovery the cyclos cyanamide reactant cyclos cyanamide reactant the cyclos cyanamide reactant cyclos cyanamide			232	
containing 233Polycyclo ring system having a 1,2-diazine ring as one of thereof 234Tricyclo ring system having or biuret reactant the 1,2-diazine ring as one of the cyclos 202Processes utilizing the 1,2-diazine ring as one of cyanamide or dicyanamide cyanamide reactant the 1,2-diazine ring as one of the cyclos cyanamide or dicyanamide 235Bicyclo ring system having reactant the 1,2-diazine ring as one of the cyclos 203Purification or recovery the cyclos 204Two substituent nitrogens bonded directly to two carbons of the triazine ring system 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an additional hetero ring 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to		3		
200Melamine per se, or salt thereof 201Processes utilizing urea or biuret reactant 202Processes utilizing the 1,2-diazine ring as one of the cyclos 203 cyanamide or dicyanamide cyanamide reactant 204Purification or recovery 205Purification or recovery 206Two substituent nitrogens of the triazine ring 207Guanamines 208Additional ring containing 209Hetero ring 209Hetero ring 200Hetero ring 201Melamine per se, or salt the cyclos 202 the cyclos 203Bicyclo ring system having the 1,2-diazine ring as one of the cyclos 204At least three ring 205At least three ring 206Additional ring containing 207Phthalazines (including hydrogenated) 208Additional ring containing 209Hetero ring 209Hetero ring 209Chalcogen bonded directly to	199	_	000	
thereof 201Processes utilizing urea or biuret reactant 202Processes utilizing the 1,2-diazine ring as one of the cyclos 203 cyanamide or dicyanamide cyanamide reactant 204Purification or recovery 205Purification or recovery 206Two substituent nitrogens of the triazine ring 207Additional ring containing 208Additional ring containing 209Hetero ring 209Hetero ring 200Hetero ring 201Processes utilizing urea containing the 1,2-diazine ring as one of the cyclos 201At least three ring nitrogens in the bicyclo ring system 202Phthalazines (including hydrogenated) 203Phthalazines which contain an additional hetero ring 204Additional ring containing additional hetero ring 205Additional ring containing additional hetero ring 208Additional ring containing additional hetero ring 209Hetero ring 209Hetero ring 209	200	_	233	
201Processes utilizing urea or biuret reactant the 1,2-diazine ring as one of the cyclos cyanamide or dicyanamide reactant the 1,2-diazine ring as one of the 1,2-diazine ring as one of the cyclos cyanamide or dicyanamide the 1,2-diazine ring as one of the 1,2-diazine ring as one of the cyclos cyanamide or recovery the cyclos 203Purification or recovery the cyclos 204Two substituent nitrogens bonded directly to two carbons of the triazine ring system 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an additional hetero ring 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to	200			
or biuret reactant 202Processes utilizing the cyclos	201		224	
202Processes utilizing the cyclos cyanamide or dicyanamide 235Bicyclo ring system having reactant the 1,2-diazine ring as one of 203Purification or recovery the cyclos 204Two substituent nitrogens bonded directly to two carbons of the triazine ring system 205Guanamines 237Phthalazines (including 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to	201	3	234	
cyanamide or dicyanamide reactant 203Purification or recovery 204Two substituent nitrogens bonded directly to two carbons of the triazine ring 205Guanamines 206Additional ring containing 207Hetero ring 208Additional ring containing 209Hetero ring 235Bicyclo ring system having the 1,2-diazine ring sy one of the cyclos 236At least three ring nitrogens in the bicyclo ring system 237Phthalazines (including hydrogenated) 2381,2-diazines which contain an additional hetero ring 239Chalcogen bonded directly to	202			
reactant the 1,2-diazine ring as one of the cyclos 204Two substituent nitrogens bonded directly to two carbons of the triazine ring system 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an additional hetero ring as one of the cyclos At least three ring system 237Phthalazines (including hydrogenated) 2381,2-diazines which contain an additional hetero ring 239Chalcogen bonded directly to	202		235	-
203Purification or recovery 204Two substituent nitrogens 236At least three ring 205 bonded directly to two carbons of the triazine ring 237Phthalazines (including 206Additional ring containing 2381,2-diazines which contain an 208Additional ring containing additional hetero ring 239Chalcogen bonded directly to			233	
204Two substituent nitrogens 236At least three ring nitrogens in the bicyclo ring of the triazine ring system 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an additional hetero ring 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to	203			_
bonded directly to two carbons of the triazine ring system 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an additional hetero ring 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to		-	236	-
of the triazine ring system 205Guanamines 237Phthalazines (including hydrogenated) 206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an additional hetero ring 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to	201			_
205Guanamines 237Phthalazines (including 206Additional ring containing 238 hydrogenated) 207Hetero ring 2381,2-diazines which contain an 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to		-		
206Additional ring containing hydrogenated) 207Hetero ring 2381,2-diazines which contain an 208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to	205	3	237	_
207Hetero ring 2381,2-diazines which contain an 208Additional ring containing additional hetero ring 239Chalcogen bonded directly to				_
208Additional ring containing additional hetero ring 209Hetero ring 239Chalcogen bonded directly to			238	
209Hetero ring 239Chalcogen bonded directly to		3		additional hetero ring
			239	_
210Sulfur containing ring carbon of a 1,2-diazine	210	Sulfur containing		ring carbon of a 1,2-diazine
211Additional ring containing ring				ring
	212	Hetero ring	240	Plural chalcogens bonded
212Hetero ring 240Plural chalcogens bonded	213	Sulfur containing		directly
212	214	Phosphorus containing		
:			240	Plural chalcogens bonded
212	213	Sulfur containing		directly
213Sulfur containing directly	214	Phosphorus containing		

241	<pre>Halogen attached directly to the 1,2-diazine ring by nonionic bonding</pre>	261	<pre>Pteroyl per se or having -C(=X)-, wherein X is chalcogen, bonded directly to</pre>
242	1,3-diazines		acyclic nitrogen of otherwise
243	Phosphorus attached directly		unsubstituted pteroyl
243		262	The other cyclo in the
	or indirectly to the diazine	202	
	ring by nonionic bonding		bicyclo ring system is five-
244	Polycyclo ring system		membered
	having the diazine ring as one	263	Ring nitrogen is shared
	of the cyclos		by two cyclos
245	Polycyclo ring system having	264	Purines (including
	the diazine ring as one of the		hydrogenated)
	cyclos	265	
0.4.6	-	205	
246	Tetracyclo ring system		directly to ring carbon of the
	having the diazine ring as one		purine ring system
	of the cyclos	266	At $2-,6-$, and $8-$
247	Three or more ring hetero		positions
	atoms in the tetracyclo ring	267	At 2- and 6-positions
	system	_ 0 /	(e.g., theophyllines, etc.)
240	-	260	
248	Ring carbon is shared by	268	Additional polycyclo
	three of the cyclos (e.g.,		ring system, which is not
	anthrapyrimidine, etc.)		another purine, having a
249	Tricyclo ring system having		hetero ring as one of the
	the diazine ring as one of the		cyclos
	cyclos	269	Additional hetero
250	Three or more ring hetero		ring which is unsaturated and
250	atoms in the tricyclo ring		is not one of the cyclos of a
0=4	system	0.77.0	purine ring system
251	Four or more ring	270	Plural ring
251	-	270	
251	Four or more ring	270	Plural ring
251 252	Four or more ring nitrogens in the tricyclo ring	270 271	
	Four or more ring nitrogens in the tricyclo ring systemRing nitrogen is shared by		Plural ring nitrogens in the additional hetero ring
252	Four or more ring nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclos		<pre>Plural ring nitrogens in the additional hetero ringHaving -C(=X)-, wherein X is chalcogen</pre>
	Four or more ring nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having		<pre>Plural ring nitrogens in the additional hetero ringHaving -C(=X)-, wherein X is chalcogen attached directly or</pre>
252	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the		nitrogens in the additional hetero ring
252 253	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclos		nitrogens in the additional hetero ring
252	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero		nitrogens in the additional hetero ring
252 253	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclos		nitrogens in the additional hetero ring
252 253	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero		nitrogens in the additional hetero ring
252 253	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring system	271	nitrogens in the additional hetero ring
252 253 254	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in		nitrogens in the additional hetero ring
252253254255	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring system	271	nitrogens in the additional hetero ring
252 253 254	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in	271	nitrogens in the additional hetero ring
252 253 254 255 256	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring system	271	nitrogens in the additional hetero ring
252253254255	nitrogens in the tricyclo ring system Ring nitrogen is shared by two of the cyclos Bicyclo ring system having the diazine ring as one of the cyclos At least five ring hetero atoms in the bicyclo ring system Four ring hetero atoms in the bicyclo ring system Four ring nitrogens in the bicyclo ring system Four ring nitrogens in the bicyclo ring system	271	nitrogens in the additional hetero ring
252 253 254 255 256	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring system	271	nitrogens in the additional hetero ring
252 253 254 255 256	nitrogens in the tricyclo ring system Ring nitrogen is shared by two of the cyclos Bicyclo ring system having the diazine ring as one of the cyclos At least five ring hetero atoms in the bicyclo ring system Four ring hetero atoms in the bicyclo ring system Four ring nitrogens in the bicyclo ring system Four ring nitrogens in the bicyclo ring system	271	nitrogens in the additional hetero ring
252 253 254 255 256 257	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPutridines (including hydrogenated)Nitrogen bonded	271	nitrogens in the additional hetero ring
252 253 254 255 256 257	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPreridines (including hydrogenated)Pteridines bonded directly to the pteridine ring	271	nitrogens in the additional hetero ring
252 253 254 255 256 257 258	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring system	271272273	nitrogens in the additional hetero ring
252 253 254 255 256 257	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPurridines (including hydrogenated)Pteridines bonded directly to the pteridine ring systemPlural nitrogens	271	nitrogens in the additional hetero ring
252 253 254 255 256 257 258	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the	271272273	nitrogens in the additional hetero ring
252 253 254 255 256 257 258 259	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273	nitrogens in the additional hetero ring
252 253 254 255 256 257 258	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the	271272273274	nitrogens in the additional hetero ring
252 253 254 255 256 257 258 259	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273	nitrogens in the additional hetero ring
252 253 254 255 256 257 258 259	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273274	nitrogens in the additional hetero ring
252 253 254 255 256 257 258 259	nitrogens in the tricyclo ring systemRing nitrogen is shared by two of the cyclosBicyclo ring system having the diazine ring as one of the cyclosAt least five ring hetero atoms in the bicyclo ring systemFour ring hetero atoms in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemFour ring nitrogens in the bicyclo ring systemPteridines (including hydrogenated)Nitrogen bonded directly to the pteridine ring systemPlural nitrogens bonded directly to the pteridine ring system	271272273274	nitrogens in the additional hetero ring

276	Nitrogen attached	299	\dots At 2-, 4-, and 6-positions
	directly or indirectly to the		(e.g., barbituric acid, etc.)
	purine ring system by nonionic	300	Additional hetero ring
	bonding		which is unsaturated
277	Nitrogen attached	301	Nitrogen attached directly
	directly or indirectly to the		or indirectly to the diazine
	purine ring system by nonionic		ring by nonionic bonding
0=0	bonding	302	Additional chalcogen
278	Three ring hetero atoms in		attached directly or
	the bicyclo ring system		indirectly to the diazine ring
279	Three ring nitrogens in		by nonionic bonding
	the bicyclo ring system	303	Halogen attached directly
280	The other cyclo in the		or indirectly to the diazine
	bicyclo ring system is five-		ring by nonionic bonding
001	membered	304	Alicyclic ring attached
281	Ring nitrogen is shared		directly or indirectly to the
	by the two cyclos		diazine ring by nonionic
282	Ring nitrogen is shared by	00-	bonding
	two cyclos	305	Phenyl bonded directly at
283	The other cyclo in the		5-position
	bicyclo ring system is a	306	Acyclic ethylenic or
	benzene ring (e.g.,		acetylenic unsaturation
004	quinazoline, etc.)	200	containing
284	Additional nitrogen	307	Plural alkyl groups bonded
	containing unsaturated hetero		directly at 5-position
00-	ring (e.g., thiazole, etc.)	308	Plural diverse alkyl
285	Chalcogen bonded directly		groups bonded directly at 5-
006	at 2- and 4-positions	200	position
286	Chalcogen bonded directly	309	At 2-position and at 4- or
005	at 2-position	210	6-position
287	Chalcogen bonded directly	310	Additional hetero ring
000	at 4-position	211	which is unsaturated
288	Sulfur bonded directly	311	Nitrogen attached directly
000	at 6-position		or indirectly to the diazine
289	Carbocyclic ring bonded	210	ring by nonionic bonding
000	directly at 2-position	312	5-position is
290	Carbocyclic ring bonded		unsubstituted or alkyl
001	directly at 3-position	212	substituted only
291	Nitrogen bonded directly	313	Halogen attached directly
000	at 2- and 4-positions		to the diazine ring by nonionic bonding
292	Nitrogen bonded directly	314	Additional chalcogen
000	at 2-position	214	attached directly or
293	Nitrogen bonded directly		indirectly to the diazine ring
004	at 4-position		by nonionic bonding
294	Polycyclo-carbocyclic ring	315	At 2-position
	system having at least three	316	Nitrogen attached directly
205	cyclos	310	or indirectly to the diazine
295	Plural diazine rings		ring by nonionic bonding
296	Plural 1,3-diazine rings	317	The nitrogen is bonded
297	Nitrogen attached directly	J ± 1	directly at 4- or 6-position
	at 2-position by nonionic	318	Additional chalcogen
	bonding and sulfur bonded	510	attached directly or
200	directly to the nitrogen		indirectly to the diazine ring
298	Chalcogen bonded directly to		by nonionic bonding
	diazine ring carbon		-7

319 320	At 4- or 6-positionNitrogen attached directly at 2-position by nonionic bonding	341	Halogen, nitrogen, or carbon attached directly to the heptacyclo ring system by nonionic bonding
321	Carbocyclic ring containing	342	Pentacyclo ring system having the diazine ring as one
322	<pre>Nitrogen attached directly to diazine ring by nonionic bonding</pre>	343	of the cyclosTetracyclo ring system having the diazine ring as one
323	At 2-position and at 4- or 6-position	244	of the cyclos (e.g., benzophenazines, etc.)
324	Additional hetero ring which is unsaturatedSubstituent on 5-position	344	Tricyclo ring system having the diazine ring as one of the cyclos
326	contains carbocyclic ringAt 4- or 6-position	345	Three or more ring hetero atoms in the tricyclo ring
327	Sulfur attached indirectly to the diazine ring by	346	systemRing nitrogen is shared
	<pre>nonionic bonding (e.g., thiamines, etc.)</pre>	2.45	by two of the cyclos (e.g., ergot, alkaloids, etc.)
328	Additional hetero ring which is unsaturated	347	hydrogenated)
329	<pre>Carbonyl attached directly or indirectly to the diazine ring by nonionic bonding</pre>	348	Nitrogen attached directly to the phenazine ring system by nonionic bonding
330	At 2-position	349	Bicyclo ring system having
331	Additional hetero ring which is unsaturated		the diazine ring as one of the cyclos
332	<pre>Chalcogen attached indirectly to the diazine ring by nonionic bonding</pre>	350	Three or more ring hetero atoms in the bicyclo ring system
333	Additional hetero ring which is unsaturated	351 352	Triethylene diaminesProcess of forming,
334	Halogen attached directly to the diazine ring by nonionic bonding		<pre>purifying, or recovering triethylene diamine per se, or salt thereof</pre>
335	Chalcogen attached indirectly to the diazine ring	353	<pre>Quinoxalines (including hydrogenated)</pre>
336	<pre>by nonionic bonding1,4-diazines</pre>	354	Chalcogen bonded directly to diazine ring carbon
337	<pre>Phosphorus attached directly or indirectly to the diazine ring by nonionic bonding</pre>	355	<pre>Having -C(=X)-, wherein X is chalcogen, bonded directly to diazine ring carbon</pre>
338	Polycyclo ring system having the diazine ring as one of the cyclos	356	Halogen or nitrogen attached directly to diazine ring carbon by nonionic
339	<pre>Heptacyclo ring system having the diazine ring as one of the cyclos (e.g., indanthrones, etc.)</pre>	357 358	<pre>bondingPlural diazine ringsPiperazines (i.e., fully hydrogenated 1,4-diazines)</pre>
340	Chalcogen attached indirectly to the heptacyclo	359	Additional hetero ring containing
	ring system by nonionic bonding	360	Six-membered ring consisting of one nitrogen and five carbons (e.g., pyridine, etc.)

361	<pre>The additional six- membered hetero ring is one of the cyclos in a polycyclo ring system</pre>	379	<pre>The additional hetero ring is five-membered and unsaturated (e.g., thienyl piperazines, etc.)</pre>
362	The additional six- membered hetero ring is one of the cyclos in a bicyclo ring	380	<pre>Polycyclo-carbocyclic ring system having at least three cyclos</pre>
363	systemQuinoline or isoquinoline (including	381	<pre>Piperazine ring bonded directly to the polycyclo- carbocyclic ring system</pre>
364	hydrogenated)At least three hetero rings containing	382	<pre>Nitrogen attached directly to the piperazine ring by nonionic bonding</pre>
365	<pre>Having -C(=X)-, wherein X is chalcogen, bonded directly to ring carbon of the</pre>	383	Chalcogen attached directly to piperazine ring nitrogen by nonionic bonding
	additional six-membered hetero ring (e.g., nicotinic acid, etc.)	384 385	Chalcogen bonded directly to piperazine ring carbonPlural chalcogens bonded
366	Five-membered hetero ring having two or more ring hetero		directly to piperazine ring carbons
367	<pre>atoms of which at least one is nitrogenRing chalcogen in the</pre>	386	<pre>Having -C(=X)-, wherein X is chalcogen, bonded directly to the piperazine ring</pre>
368	five-membered hetero ringThe five-membered hetero	387	Plural -C(=X)- groups bonded directly to the
	ring is one of the cyclos in a polycyclo ring system	388	piperazine ringChalcogen or acyclic
369	1,3-oxazole ring or 1,3- thiazole ring (including hydrogenated)	200	nitrogen bonded directly to at least one of the -C(=X) groups
370	1,3-diazole ring (including hydrogenated)	389	The -C(=X)- is part of a - C(=X)X- group, wherein the X's are the same or diverse
371	1,2-diazole ring (including hydrogenated)	390	chalcogensHalogen or acyclic
372	Five-membered hetero ring consisting of one nitrogen and		nitrogen bonded directly to the $-C(=X)$ - group
373	four carbonsThe five-membered hetero	391	Carbocyclic ring containing
274	ring is one of the cyclos in a bicyclo ring system	392	Phenyl or naphthyl bonded directly to ring nitrogen of
374	Ring chalcogen in the additional hetero ring	393	the piperazine ringAcyclic nitrogen bonded
375	Polycyclo ring system having the additional hetero ring as one of the cyclos	394	<pre>directly to a -C(=X)- group, wherein X is chalcogenThe other ring nitrogen</pre>
376	Bicyclo ring system having the additional hetero ring as one of the cyclos	374	has a substituent which includes chalcogen single bonded to acyclic carbon
377	Plural ring chalcogens in the bicyclo ring system	395	The other ring nitrogen is unsubstituted or alkyl
378	<pre>Plural ring chalcogens in the polycyclo ring system or the piperazine ring bonded</pre>	396	<pre>substituted only, or salt thereofPlural carbocyclic rings</pre>
	directly to the polycyclo ring system		bonded directly to the same acyclic carbon

397	Chalcogen bonded directly to the carbon
398	Chalcogen attached indirectly to the piperazine ring by nonionic bonding
399	The chalcogen, X, is in a -C(=X)- group
400	Acyclic nitrogen bonded directly to the -C(=X)- group
401	The chalcogen is single bonded to both acyclic carbon and hydrogen
402	Nitrogen attached indirectly to the piperazine ring by nonionic bonding
403	Carbocyclic ring containing
404	N-hydrocarbyl piperazines
405	Additional hetero ring which is unsaturated
406	Having -C(=X)-, wherein X is chalcogen, bonded directly to the diazine ring
407	Nitrogen attached directly to the diazine ring by nonionic bonding
408	Chalcogen bonded directly to diazine ring carbon
409	Halogen attached directly to the diazine ring by nonionic bonding
410	Unsubstituted or hydrocarbyl substituted only, or salt thereof

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS